

About this Manual

This chapter provides an introduction to the *Control Room Logbook User's and Administrator's Guide*. In particular you will find:

- the purpose and intended audience
- where to find the manual on-line or obtain a hardcopy
- the typeface conventions and symbols used throughout the manual
- where to send comments and questions

1. Purpose and Intended Audiences

This guide explains and illustrates the setup and use of the **Control Room Logbook (CRL)** application, a computer-based logbook intended for use in high energy physics experiment control rooms.

The guide consists of three parts:

Part I: Overview and User's Guide

This part is intended primarily to instruct end users on using the features and functionality of the **CRL** application. The end users are presumed to be experimenters on shift in their experiment's control room.

Secondly, the web interface (optional) portion of **CRL** is described here for experimenters wishing to access logbook entries from anywhere in the world via the internet.

Thirdly, experimenters wishing to configure their external programs to create **CRL** entries will find guidance on using the Process Logger.

Part II: CRL Administrator's Guide

This part guides administrators through installing and configuring the application and the web interface.

Part III: CRL Administrator's Reference Manual

This part illustrates the content and structure of the properties file and the configuration files that the administrator needs to edit.

2. Availability

Copies of the *Control Room LogBook User's Guide* (document number PU0376) can be obtained from the following sources:

On-line <http://www.fnal.gov/docs/products/crl/>
Under **Documentation Search** on the Computing
Division home page
(<http://www.fnal.gov/cd/>), search using any
of the following keywords: control, room, logbook, srl,
elog, e-log, log

Paper Copies

Each chapter is provided individually in PDF format, and accessible via the *View/print PDF file* link on its web page.

The entire manual is provided in PostScript and PDF formats under

<http://www.fnal.gov/docs/products/crl/manual/ps/>

3. Notational Conventions

The following notational conventions are used in this document:

| | |
|--------------------------|--|
| bold | Used for product and program names (e.g., CRL). |
| <i>italic</i> | Used to emphasize a word or concept in the text. Also used to indicate logon ids and node names. |
| <code>typewriter</code> | Used for filenames, pathnames, contents of files, output of commands. |
| typewriter-bold | Used to indicate commands and prompts. |
| <CTRL-CHAR> | Indicates a control character. To enter a control character, hold down the control key (labeled CTRL , usually) while pressing the key specified by CHAR . |
| [] | In command formats, indicates optional command arguments and options. |
| % | Prompt for UNIX C shell family commands (% is also used throughout this document when a command works for both shell families). |
| \$ | Prompt for UNIX Bourne shell family commands. |
| < > | In commands, paths and environment variables, indicates strings for which the user must make context-specific substitutions. |

All command examples are followed by an implicit carriage return key. The following symbols are used throughout the text to draw your attention to specific items:



A “bomb”; this is used to indicate a potential pitfall.



This symbol is intended to draw your attention to a particularly important piece of information.

4. Your Comments are Welcome!

For **CRL** product support issues, problems, and other application-related comments, use the *crl-dev@fnal.gov* mailing list. Archives are maintained at <http://listserv.fnal.gov/archives/crl-support.html>.

The *Control Room Logbook User's and Administrator's Guide* may contain some errors, however we endeavor to minimize the error count! We encourage all the readers of this document to report back to us:

- errors or inconsistencies that we have overlooked
- any parts of the manual that are confusing or unhelpful -- please offer constructive suggestions!
- other topics to include (keeping in mind the purpose of the manual)
- information that other users might find helpful

Send your documentation-related comments to *cdlibrary@fnal.gov*.